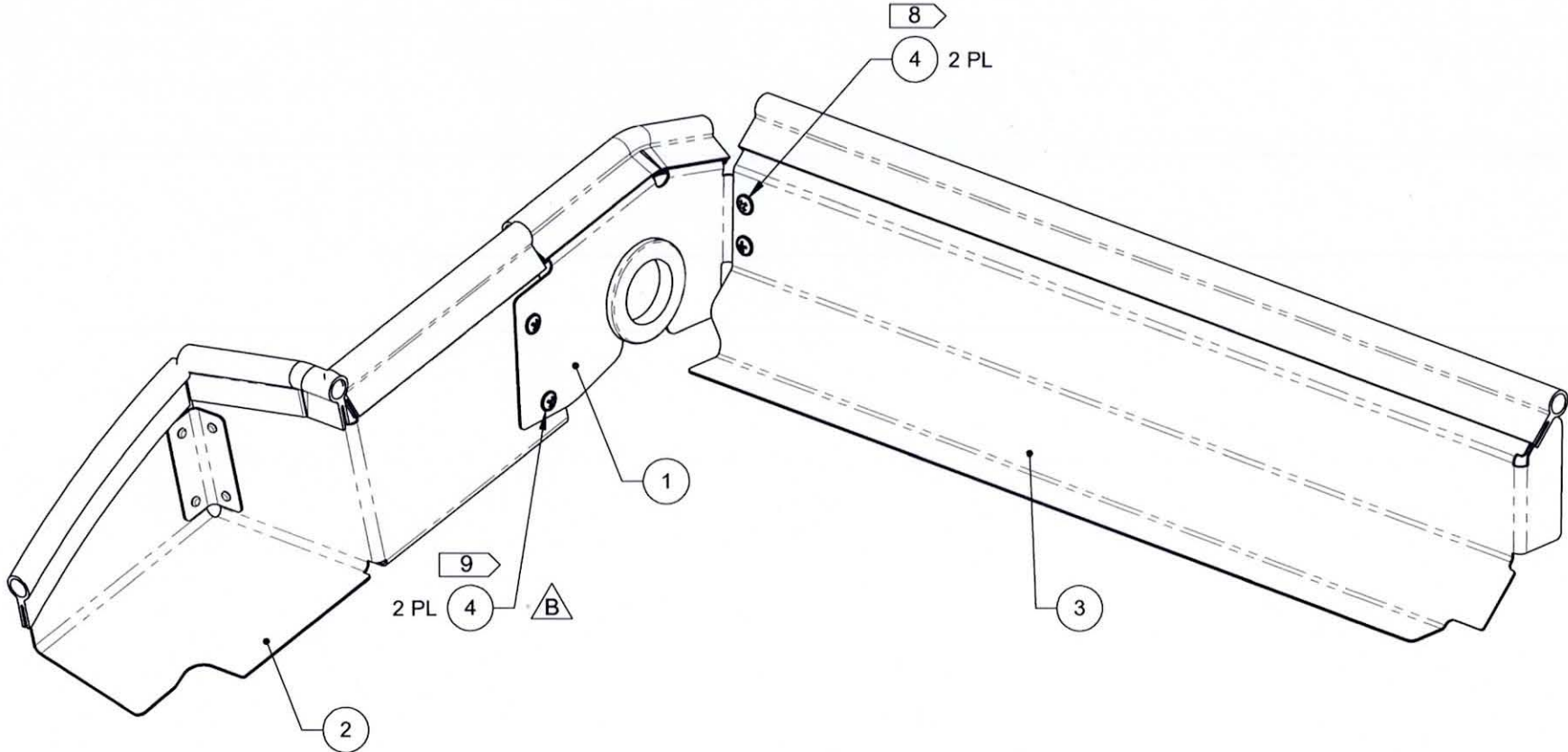


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5920-041	FWD BRACKET ASSY
1	1	D5920-043	BRACKET ASSEMBLY
2	1	D5920-045	FWD OUTBOARD BRACKET ASSY
3	1	D5920-047	FWD INBOARD BRACKET ASSY
4	4	AN525-832R6	SCREW, WASHER HEAD



D5920-041 FWD BRACKET ASSY

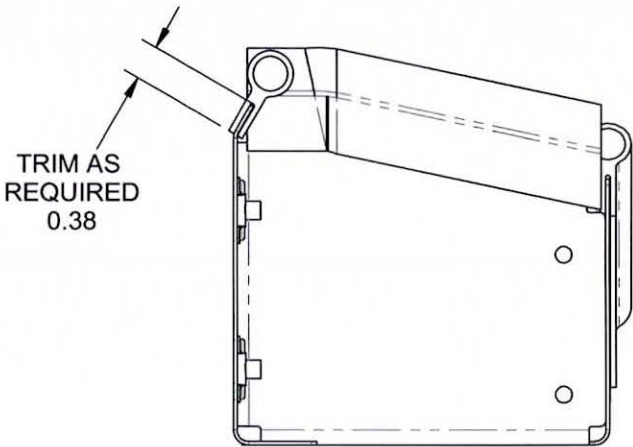
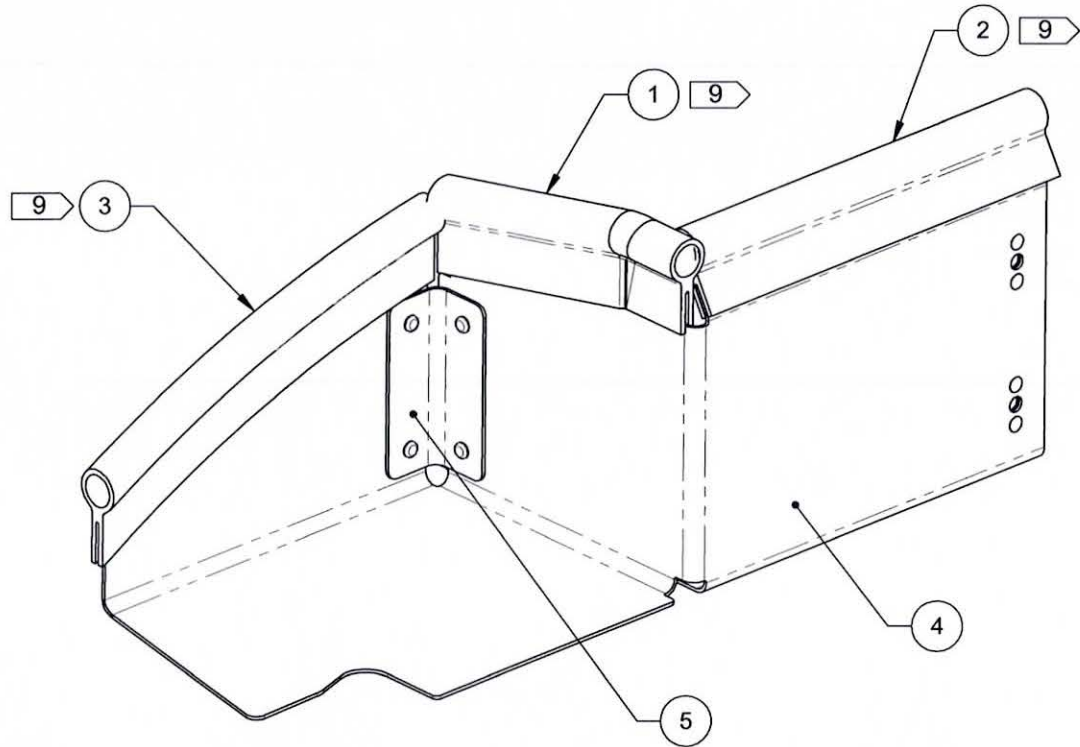
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 0.95 lbs
 - 8) TORQUE SCREWS TO 12-15 (in-lb)
 - 9) RETAIN AND BAG (QTY 2) OF AN525-832R6 WITH D5920-041. HOLES TO BE DRILLED AND SCREWS TO BE INSTALLED DURING AIRCRAFT INSTALLATION.

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MAR 1 2023

APPROVED

B	ADDED NOTE 9 TO D5920-041; REMOVED 2 X Ø0.177 HOLES FROM D5920-3/-3F/-043; REVISED NOTE 9 ON D5920-1F/-3F/-5F; REVISED BOM TO ADD ADHESIVE TO D5920-043/-045/-047. REASON ECR 470	RF	23.01.03
A	NEW ISSUE (REF ECR 365)	RF	22.03.03
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	JFS	D5920	SHEET 1 OF 12
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DE APPR.	DS	COVER ASSEMBLY	NTS
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ITEM	QTY -045	P/N	DESCRIPTION
	X	D5920-045	FWD OUTBOARD BRACKET ASSY
1	1	D4441-1-040	RUBBER SEAL
2	1	D4441-1-051	RUBBER SEAL
3	1	D4441-1-056	RUBBER SEAL
4	1	D5920-5	BRACKET
5	1	D5920-7	BRACKET
6	4	MS20426AD3-(2)	RIVET, SOLID, CSK
7	4	MS20426AD3-(3)	RIVET, SOLID, CSK
8	2	MS21075L08	NUT PLATE, SELF-LOCKING, FLOATING
9	A/R	3M 1300/1300L	ADHESIVE



D5920-045 FWD OUTBOARD BRACKET ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3, MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.34 lbs
- 8) TRANSFER $\phi 0.098$ HOLES THRU 4 PLACES FROM D5920-5 TO D5920-7 PRIOR TO POWDER COAT, TOUCH UP BARE METAL WITH ALODINE 1200S PER QSI 005 4.1
- 9) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL IT IS ACCEPTABLE TO NOTCH AND TRIM THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

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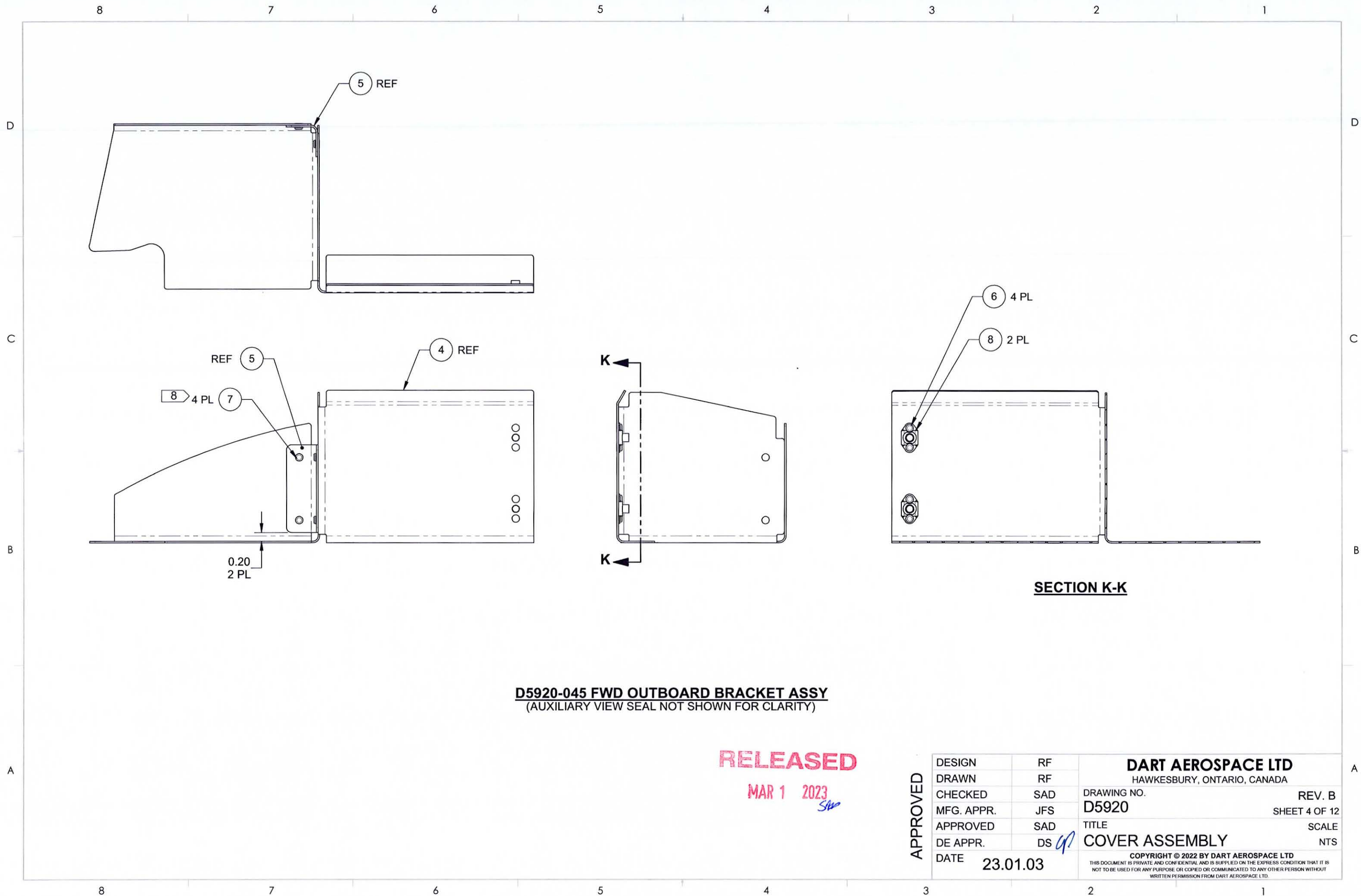
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D5920-045 FWD OUTBOARD BRACKET ASSY
(AUXILIARY VIEW SEAL NOT SHOWN FOR CLARITY)

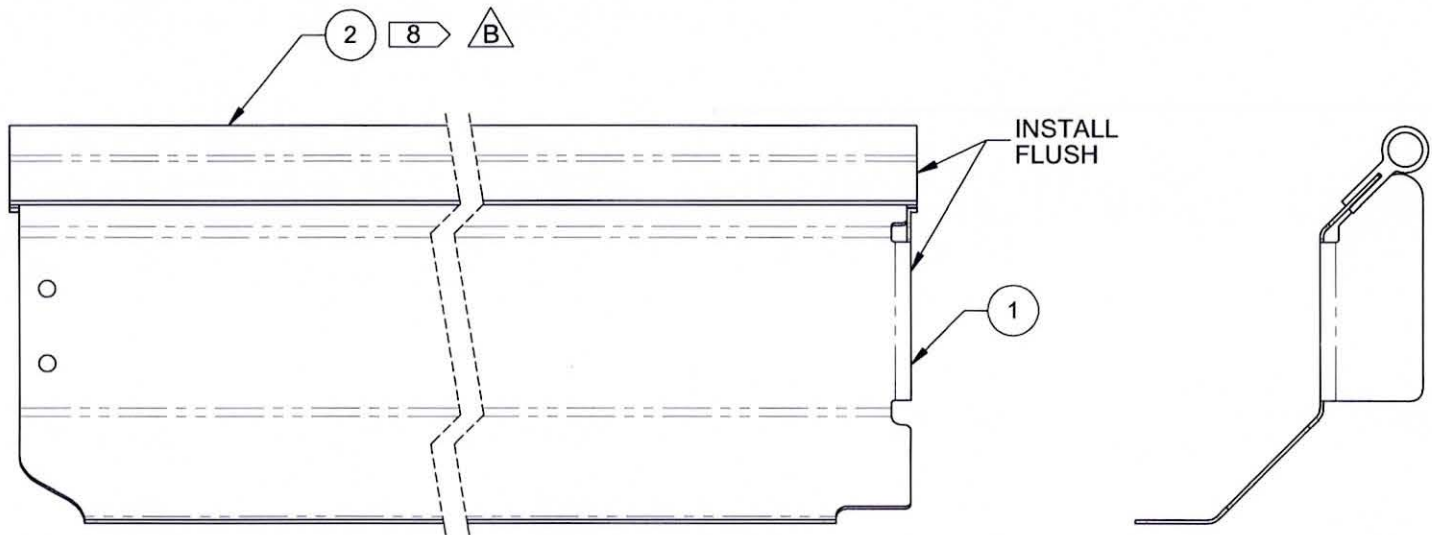
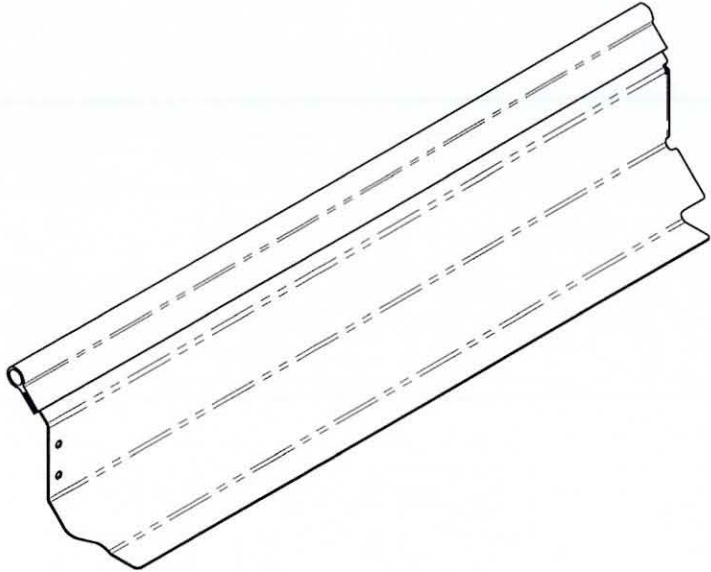
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ITEM	QTY -047	P/N	DESCRIPTION
	X	D5920-047	FWD INBOARD BRACKET ASSY
1	1	D5920-1	BRACKET
2	1	D4441-1-191	RUBBER SEAL
3	A/R	3M 1300/1300L	ADHESIVE



D5920-047 FWD INBOARD BRACKET ASSY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.51 lbs
 - 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL

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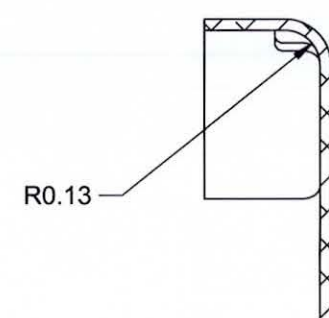
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DATE	23.01.03

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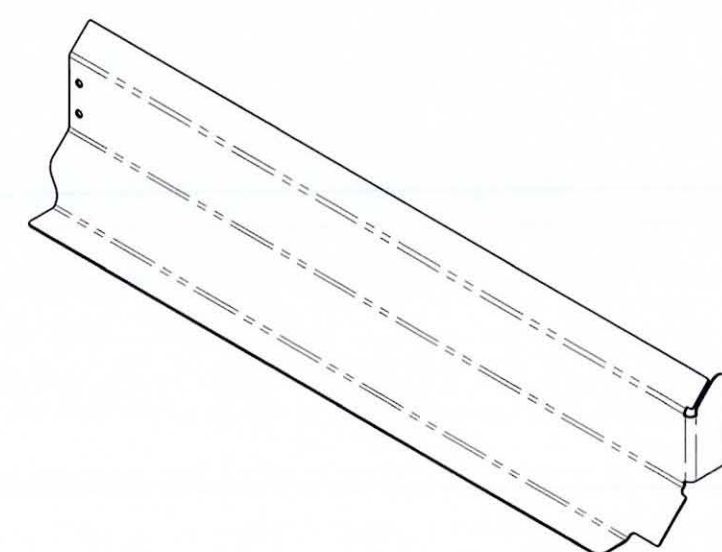
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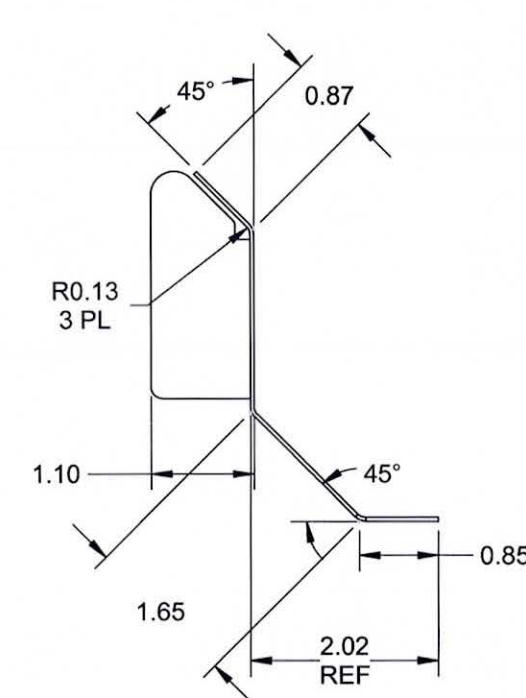


SECTION A-A



C

C



D5920-1 BRACKET

A

A

- NOTES:**
- 1) MATERIAL: MAKE FROM D5920-1F FLAT PATTERN
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "BLANK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.39 lbs

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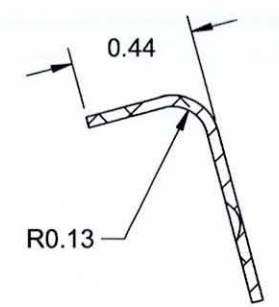
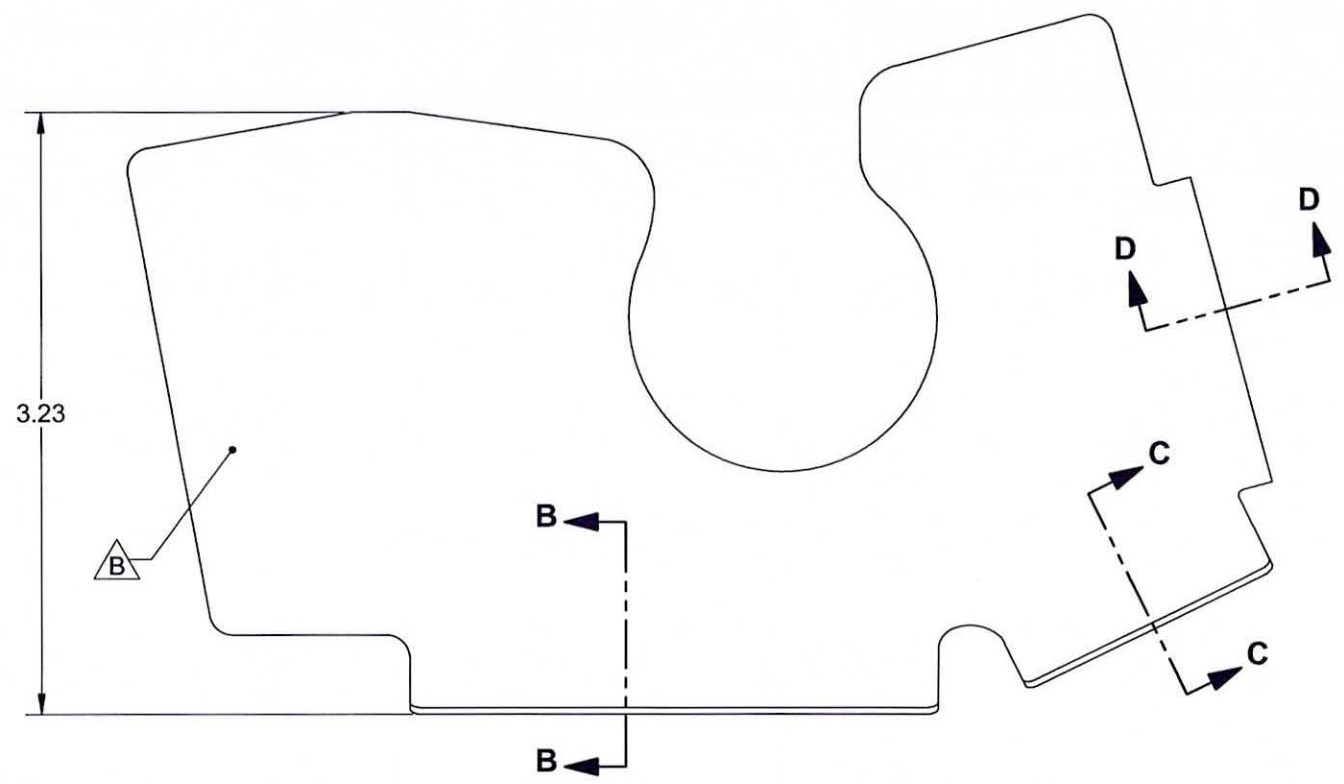
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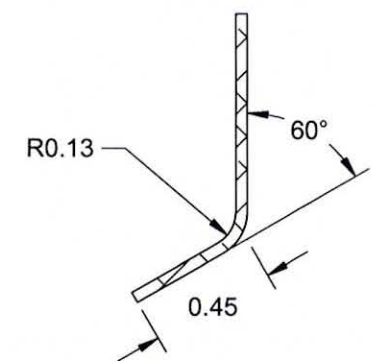
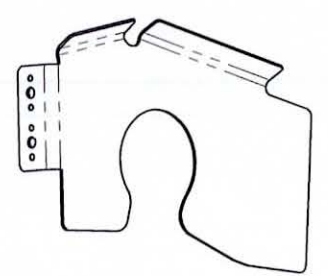
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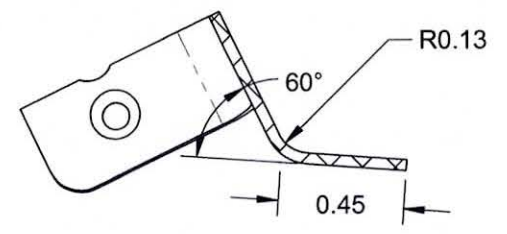
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SECTION D-D



SECTION B-B



SECTION C-C

D5920-3 BRACKET

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- NOTES:**
- 1) MATERIAL: MAKE FROM D5920-3F FLAT PATTERN
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "BLANK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.07 lbs

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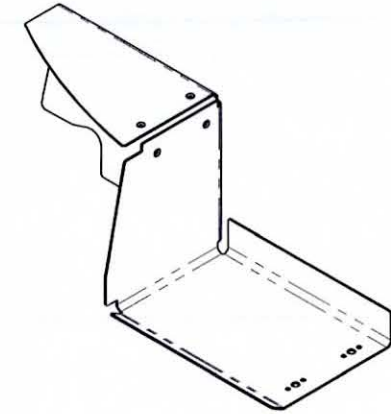
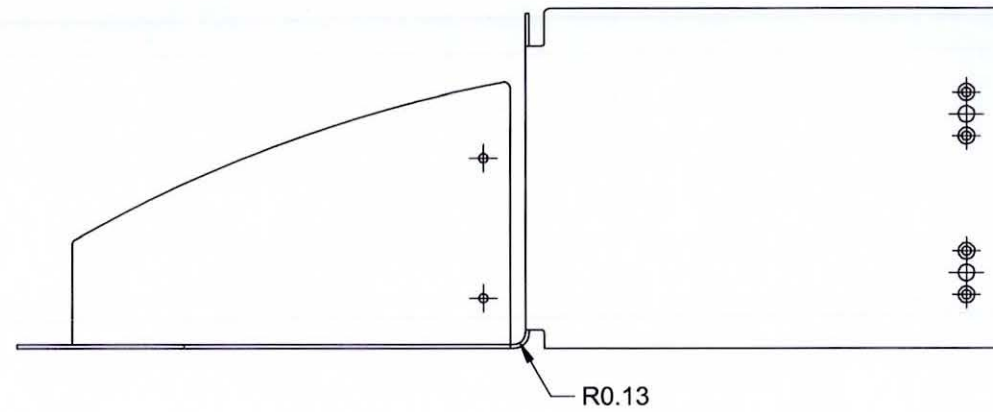
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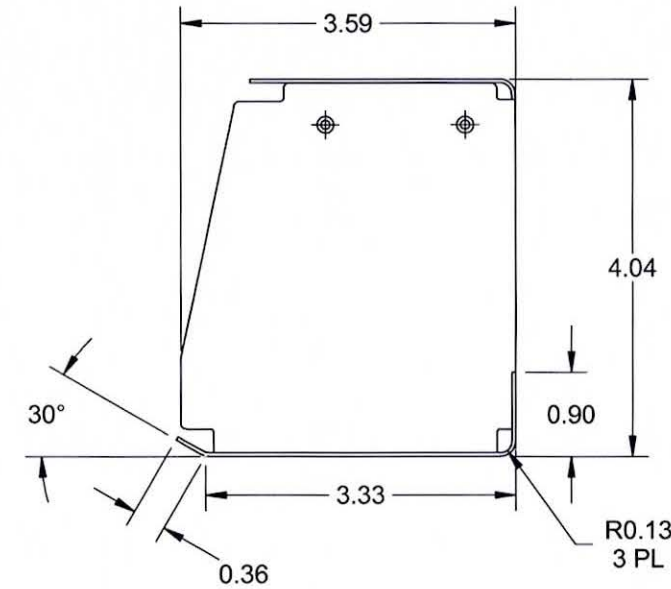
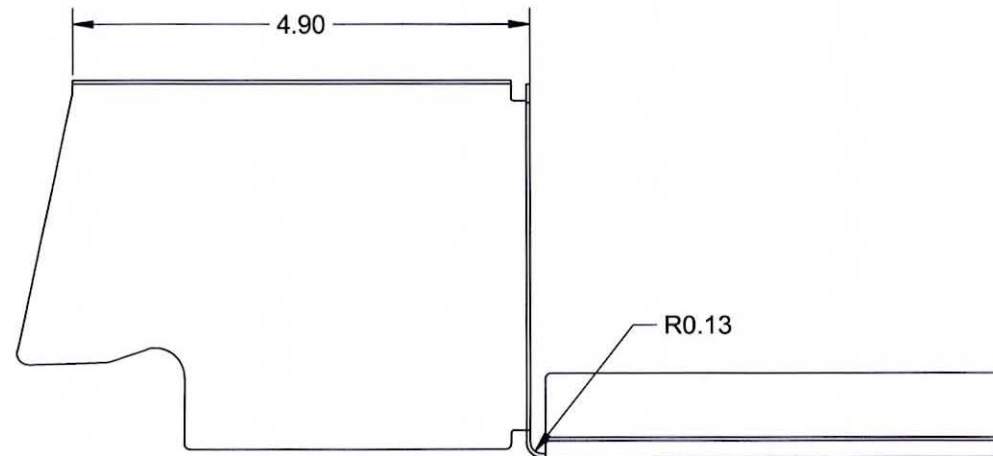
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C

C



B

B

D5920-5 BRACKET

A

A

NOTES:

- 1) MATERIAL: MAKE FROM D5920-5F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.25 lbs

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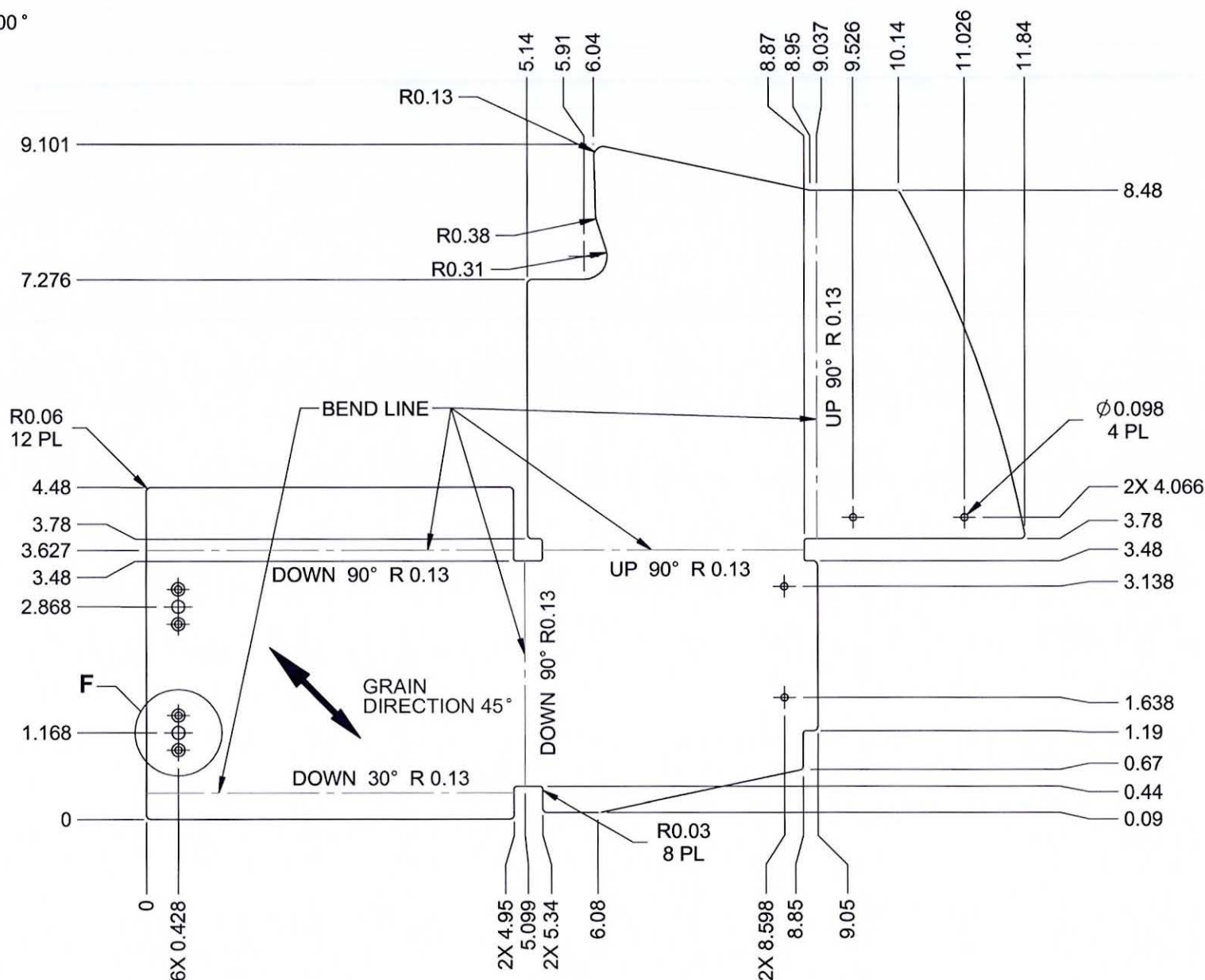
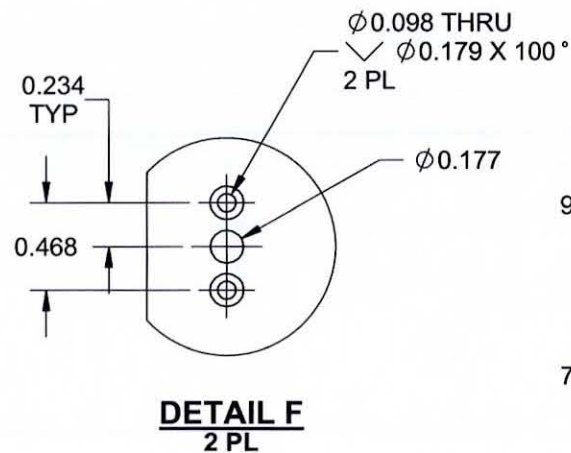
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D5920-5F FLAT PATTERN

NOTES:

1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC. M6061T6S.040

2) FINISH: NONE

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

7) WEIGHT: 0.25 lbs

8) ALL NON-DIMENSIONED FEATURES DEFINED PER DRAWING FILE "D5920-5F REV. B .SLDPRT"

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SHEET 11 OF 12

TITLE

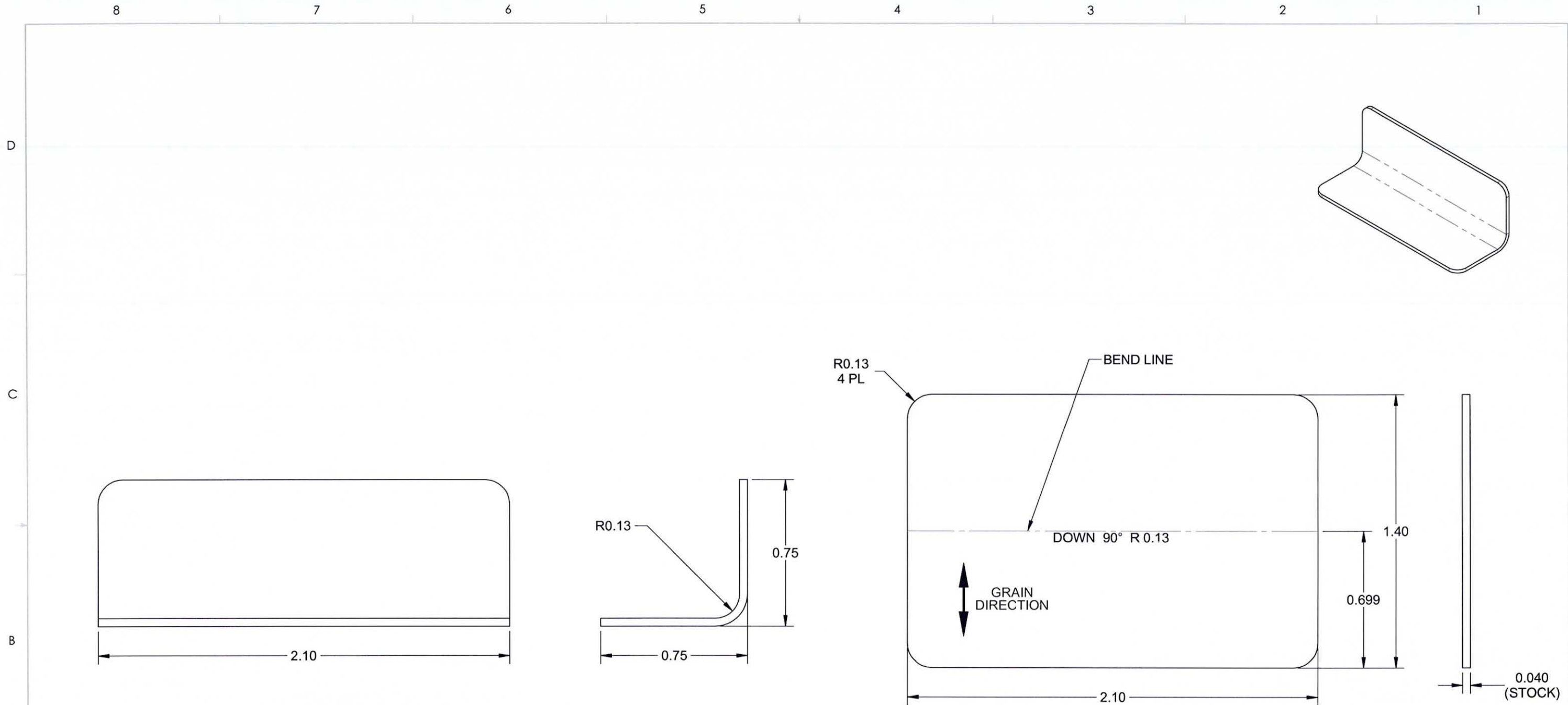
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D5920-7 BRACKET
(MAKE FROM D5920-7F FLAT PATTERN)

D5920-7F FLAT PATTERN

- NOTES:**
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC. M6061T6S.040
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.01 lbs

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